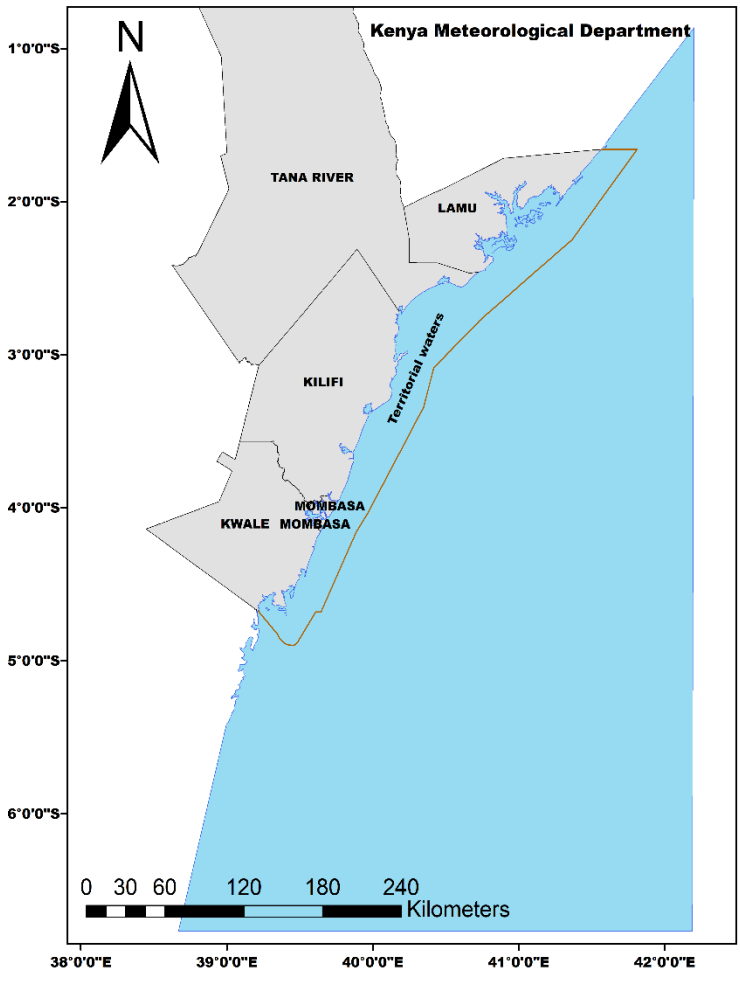
REPUBLIC OF KENYA

MINISTRY OF ENVIRONMENT, CLIMATE CHANGE AND FORESTRY
STATE DEPARTMENT FOR ENVIRONMENT & CLIMATE CHANGE
KENYA METEOROLOGICAL SERVICE AUTHORITY

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DAILY MARINE NEAR SHORE FORECAST FOR KENYAN COAST

Issued at: 1500 EAT on 29th October, 2026
Valid: 0000 EAT on 30th October, 2026 to 0000 EAT on 31st October 2026.



GENERAL OUTLOOK

Morning sea state:

- Predominantly light and variable winds (4-6 knots) with smooth to slight chop seas. ESE waves of 3ft (0.9m) with small to moderate short period waves of (8sec) are expected in Kwale, Mombasa, Kilifi and Lamu.

Afternoon sea state:

- Breezy E to ESE winds (11-19knots) with moderate choppy seas. ESE waves of 3-4ft (0.9-1.2m) with moderate short period waves of (8-9sec) are expected in Kwale, Mombasa, Kilifi and Lamu.

Visibility:

- Moderate visibility **(9-10 km)** expected in Kwale, Mombasa, Kilifi and Lamu.

COASTAL COUNTIES MARINE NEAR SHORE FORECAST

i. KWALE

- Morning Winds: NNW 6 knots.
- Morning Waves: ESE 3 feet at 8 seconds.
- Morning sea state: Light NNW winds with a slight chop. Small short period waves.
- Afternoon Winds: ESE 11 to 15 knots.
- Afternoon Waves: ESE 3 feet at 8 seconds.
- Afternoon sea state: Breezy ESE winds with moderate choppy seas. Moderate short period waves.
- Sunrise**: 5:59AM** and sunset: **6:14PM**
- Visibility: Moderate **(9-10 km**)
- High Tide: **6:21AM;3.62m, 6:50PM;2.78m**
- Low Tide**: 12:42PM;0.38m**

ii. MOMBASA

- Morning Winds: WNW 5 knots.
- Morning Waves: ESE 3 feet at 8 seconds.
- Morning sea state: Light and variable winds with smooth seas. Moderate short period waves.
- Afternoon Winds: ESE 13 to 19 knots.
- Afternoon Waves: ESE 3 feet at 9 seconds.
- Afternoon sea state: Breezy ESE winds with moderate choppy seas. Moderate short period waves.
- Sunrise: **5:57AM** and Sunset: **6:12PM**
- Visibility: **Moderate (9-10km)**
- High Tide**: 6:12AM;3.66m, 6:40PM;2.89m**
  Low Tide: **12:39PM;0.46m**

iii.KILIFI

- Morning Winds: NW 4 knots.
- Morning Waves: ESE 3 feet at 8 seconds.
- Morning sea state: Light and variable winds with smooth seas. Moderate short period waves.
- Afternoon Winds: E 12 to 17 knots.
- Afternoon Waves: ESE 4 feet at 9 seconds.
- Afternoon sea state: Breezy E winds with moderate choppy seas. Moderate short period waves.
- Sunrise: **5:58AM** and Sunset: **6:12PM**
- Visibility: **Moderate (9-10km)**
- High Tide: **6:09AM;3.32m, 6:38PM;2.51m**
- Low Tide: **12:37PM;0.26m**

iv. LAMU

- Morning Winds: ENE 4 to 5 knots.
- Morning Waves: ESE 3 feet at 8 seconds.
- Morning sea state: Light and variable winds with smooth seas. Moderate short period waves.
- Afternoon Winds: ESE 11 to 17 knots.
- Afternoon Waves: ESE 3 feet at 8 seconds.
- Afternoon sea state: Breezy ESE winds with moderate choppy seas. Moderate short period waves.
- Sunrise: **5:54AM** and Sunset: **6:05PM**
- Visibility: **Moderate (9-10km)**
- High Tide: **6:09AM;3.22m, 6:39PM;2.38m**
- Low Tide: **12:39PM;0.24m**

Advisory

- Slight to moderate sea conditions are expected with a significant wave height of **0.9m to 1.2m** in Kwale, Mombasa, Kilifi and Lamu.
- Light to fresh breeze of **04-19knots** expected in Kwale, Mombasa Kilifi and Lamu throughout the forecast period.

KEY ON SEA STATE

WAVE HEIGHT RANGE (Meters)	DESCRIPTION	IMPACT
0.6 – 1.0 m (≈ 1.8 – 3.0 ft)	Slight	**Conditions suitable for Marine activities**
1 – 1.9 m (≈ 3.0 – 5.7 ft)	Slight – Moderate	
2.0 – 2.9 m (≈ 6.0 – 8.7 ft)	Moderate-Rough	**Caution on operating marine activities**
3.0 – 4.0 m (≈ 9.0 – 12.0 ft)	Rough	**Warning in place!!!!**
4.1 – 5.5 m (≈ 12.3 – 16.5 ft)	Very Rough	**Warning in place and marine activities on hold**

KEY ON SEA STATE

WIND	RANGE	DESCRIPTIONS	IMPACT
	< 1 – 6 Knots	**Calm to Light breeze**	**1 – 6 knots, the Ocean is relatively calm with very little disturbance. Suitable for Marine operations**
	7 – 21 Knots	**Gentle breeze to Fresh breeze**	**7 – 17 knots, small boats are likely to be filled with water sprays and become unstable. Caution in carrying out marine activities**
	22 – ≥34 Knots	**Strong breeze to Extremely Strong breeze**	**More than 21 knots, the ocean state is very much disturbed and the prevailing conditions are dangerous for marine operations. Warning in place!!!!!**

In concurrence with outputs from relevant marine data platforms, acknowledgement is fully accorded to: ESSO- Indian National Centre for Ocean Information Services (INCOIS), mercator-ocean.fr, COPERNICUS Marine Environment Monitoring Service (CMEMS) and other related sources.

Phillip Okello



For Ag. DIRECTOR GENERAL, KENYA METEOROLOGICAL SERVICE AUTHORITY